

Listing of claims:

CLAIMS

What is claimed is:

1. (Amended) A method of transferring data from a handheld device comprising the steps of:

a) forwarding information to an exchange manager, said information having associated therewith a Uniform Resource Locator (URL) string containing an identified transport mechanism for communicating said information and also a destination for said information, said step a) performed by an application resident on said handheld device;

b) in response to said identified transport mechanism of said URL, said exchange manager referencing an exchange library associated with said identified transport mechanism from a plurality of exchange libraries, wherein said exchange library defines a communication protocol for said identified [communication] transport mechanism and wherein said exchange manager supports a plurality of communication protocols; and

c) communicating said information to a system external to said handheld device using said communication protocol, said step c) performed by said identified [communication] transport mechanism.

2. (Amended) A method as described in Claim 1 wherein said handheld device is a palmtop computer system comprising: a processor coupled to a bus; a memory unit coupled to said bus; a screen coupled to said bus; and a plurality of [communication] transport mechanisms.

3. (Original) A method as described in Claim 1 wherein said plurality of communication protocols comprise: an Internet protocol; an email protocol; an infrared beaming protocol; and a radio frequency protocol.

4. (Original) A method as described in Claim 3 wherein said plurality of communication protocols further comprise a synchronization protocol.

5. (Original) A method as described in Claim 1 wherein said information is a data file.

6. (Original) A method as described in Claim 1 wherein said information is an application program.

A/ 7. (Original) A method as described in Claim 1 wherein said step a) comprises the steps of:

- a1) provided said application does not define said identified transport mechanism, obtaining a URL definition of said identified transport mechanism from a user; and
- a2) provided said application does not define said destination, obtaining a URL definition of said destination from said user.

8. (Amended) A system for transferring data from a handheld device comprising:

- a) an application resident on said handheld device, said application for forwarding information to an exchange manager, said information having associated therewith a Uniform Resource Locator (URL) string containing an identified transport mechanism for communicating said information and also a destination for said information;
- b) in response to said identified transport mechanism of said URL, said exchange manager for referencing an exchange library associated with said identified transport mechanism from a plurality of exchange libraries, wherein said exchange library defines a communication protocol for said identified [communication] transport mechanism and wherein said exchange manager supports a plurality of communication protocols and comprises a plurality of exchange libraries; and

PALM-3215/ACM/RRN
Examiner: SHAW, Joseph G.

3

Serial No.: 09/598,668
Group Art Unit: 2141

c) said identified [communication] transport mechanism for communicating said information to a system external to said handheld device using said communication protocol.

9. (Amended) A system as described in Claim 8 wherein said handheld device is a palmtop computer system comprising: a processor coupled to a bus; a memory unit coupled to said bus; a screen coupled to said bus; and a plurality of [communication] transport mechanisms.

10. (Original) A system as described in Claim 8 wherein said plurality of communication protocols comprise: an Internet protocol; an email protocol; an infrared beaming protocol; and a radio frequency protocol.

11. (Original) A system as described in Claim 10 wherein said plurality of communication protocols further comprise a synchronization protocol.

12. (Original) A system as described in Claim 8 wherein said information is a data file.

13. (Original) A system as described in Claim 8 wherein said information is an application program.

14. (Original) A system as described in Claim 8 wherein said exchange manager is also for obtaining a URL definition of said identified transport mechanism from a user provided said application does not define said identified transport mechanism; and wherein said exchange manager is also for obtaining a URL definition of said destination from said user provided said application does not define said destination.

15. (Amended) A method of receiving data by a handheld device comprising the steps of:

a) receiving a file of information over the Internet from a source external to said handheld device and based on a Uniform Resource Locator (URL) string associated with said file, said file having associated therewith a data type, said step a) performed by said handheld device;

b) in response to said file being received, an exchange manager identifying an application for said file based on said data type of said file and an application registry; and

c) storing said file in memory and associating said file with a dataset associated with said application.

A1

16. (Original) A method as described in Claim 15 wherein said handheld device is a palmtop computer system comprising: a processor coupled to a bus; a memory unit coupled to said bus; a screen coupled to said bus; and a plurality of communication mechanisms.

17. (Original) A method as described in Claim 15 wherein said exchange manager supports a plurality of communication protocols comprising: an Internet protocol; a file transfer protocol; and an email protocol.

18. (Original) A method as described in Claim 17 wherein said plurality of communication protocols further comprise a synchronization protocol.

19. (Original) A method as described in Claim 15 wherein said file is a data file.

20. (Original) A method as described in Claim 15 wherein said file is an application program.

21. (Original) A method as described in Claim 15 wherein said step a) comprises the steps of obtaining an application identification from a user provided said file does not identify an application.